

Product datasheet for **MR220825A1V**

Mouse Slc10a4 (NM_173403) AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Mouse Slc10a4 (NM_173403) AAV Particle
Tag: Myc-DDK
Symbol: Slc10a4
Synonyms: E130304D01
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >MR220825 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGACAGCCTGGACAACACCACCTGCTCCTTGCCCCGTCTCGCTGCTGCCTGACAACCTCACCCCTGT
CTCCCAACGCCGGCAGCCGAGCGCCAGCACCCCTTCGCTCTCGCTGTACCTCTAGTCCCGGTCCGGG
GCTCAGCCTCGCTCCAAGTCCAAGCATCGGCTTACGCCCGAGGCAACCCCGACTCCAGAGCCCACGAGC
AGCAGCCTCACGGTCGGCGTGGCTGGCCAGGGCTCCTCCGCTTCCCCGGCCCTGGATCCCCACGAGC
CCCCATTCTGGGACACGCCGCTCAACCACGGGCTGAATGTGTTGTGGGCGCCGCTTGTGCATCACCAT
GCTGGGTCTAGGCTGTACCGTGGACGTGAACCACTTCGGGCGCACGTCCGGCGGCCCGTGGGCGCTCTG
CTGGCTGCGCTCTGCCAGTTCGGCTTCTTGCCGCTGCTAGCCTTCTTGCTGGCCCTCATCTTCAAGCTGG
ATGAGGTGGCCGCGGTGGCTGTACTCCTATGTGGCTGCTGCTGGTGGAAATCTCTCAATCTCATGTC
CCTGCTGGTAGACGGCGACATGAACCTCAGCATCATCATGACCATTTCTCCCACTCCTGGCCCTGGTG
TTGATGCCCTCTGCCTCTGGATCTACAGCCGTGCCTGGATCAATACCCCTCTGGTGCAATTGCTCCCC
TAGGGGACGTACCCCTGACTCTCTGCAGCACTCTATTCTATTGGGCTAGGCGTCTTATTGCTACAA
ATACAACCGGTGGCTGACTACATCGTGAAGTTTCCCTGTGGTCTCTGCTTGTGACCCCTGGTGGTTCTT
TTCATAATGACTGGCACCATGCTGGGACCTGAAGTCTGGCAAGCATTCCGCAACTGTTTACGTGGTGC
CCATTTTATGCCTCTGGCGGGCTACGCCTCGGGTTATGGCTTAGCTACCTCTTCCACCTCCCGCCAA
CTGCAAGCGGACTGTGTGCTTGAAACAGGAAGTCAGAACGTGCAGCTCTGCACTGCGATTCTAAAAGT
GCCTTCCCGCTCGCTTATAGGTAGCATGTACATGTTCCCTCTGCTCTACGCCCTCTTCCAGCTGCGG
AGGCAGGGGTCTTCGTGTTGATCTACAAAATGTACGGAAGTGAGATACTGCACAAGCGAGAGGCCCTAGA
CGAAGACGAAGACACCGATATTTCTTATAAGAACTGAAAGAAGGAAATGGCAGACACCTCCTATGGC
ACCGTGGGACGGATGACTTAGTGATGATGGAGACCACCCAGACCGCCCTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>MR220825 protein sequence Red=Cloning site Green=Tags(s) MDSLDNTTLLAPSSLLPDNLTLSNAGSPSASTLSPLAVTSSPGPGLSLAPSPSIGFSPEATPTPEPTS SSLTVGVAGQGSSAFPRPWIPHEPPFWDTPLNHGLNVFVGAALCITMLGLGCTVDVNHFGAHVRRPVGAL LAALCQFGFLPLLAFLALIFKLDEVAAVAVLLCGCCPGGNLSNLSLLVDGDMNLSIIMTISSTLLALV LMPLCLWIYSRAWINTPLVQLPLGAVTLTLCSTLIPIGLGVFIRYKYNRVADYIVKVSLSLLVTLVVL FIMTGTM LGPELLASIPATVYVVAIFMPLAGYASGYGLATLFHLPNCKRTVCLETGSQNVQLCTAILKL AFPPRFIGSMYMFLLYALFQSAEAGVFVLIYKMYGSEILHKREALDEDEDTDISYKCLKKEEMADTSYG TVGTDDLVMETTQTAL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_173403
ORF Size:	1311 bp
Buffer:	PBS with 0.001% Pluronic F68
Stability:	AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus.
RefSeq:	<u>NM_173403.2</u> , <u>NP_775579.2</u>
RefSeq Size:	2085 bp
RefSeq ORF:	1314 bp
Locus ID:	231290
UniProt ID:	<u>Q3UEZ8</u>
Cytogenetics:	5 C3.2
MW:	46.6 kDa